

ABSTRACT

The invention relates to a NADH-dependent oxidoreductase obtained from yeasts, for example, of the genus *Pichia*, more particularly from *Pichia capsulata*. The oxidoreductase used in an enzymatic process for enantioselective reduction of organic ketocompounds to the corresponding (S)-hydroxy compounds and in an enzymatic process for anantioselective preparation of (S)-hydroxy compounds in a two phase system using the isolated, recombinantly overexpressed oxidoreductase from *Pichia capsulata*.